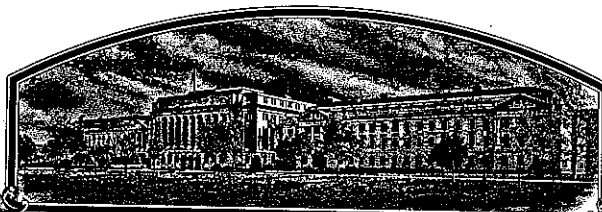


No.

8200142



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Agratech Seeds Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS OF THE OWNER OF THE RIGHTS. (34 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'GK-67'

In Testimony Whereof, I have hereunto set
my hand and caused the seal of the Plant
Variety Protection Office to be affixed
at the City of Washington
this 31st day of May in
the year of our Lord one thousand nine
hundred and eighty-five.

Attest

Kenneth A. Ewing
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

John R. Block
Secretary of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

FORM APPROVED
OMB NO. 40-R3822

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY GK-49		1b. VARIETY NAME GK-67 <i>R/S 5/11/83</i>		FOR OFFICIAL USE ONLY PV NUMBER 8200142	
2. KIND NAME Soybean		3. GENUS AND SPECIES NAME Glycine max		FILING DATE 7/16/82	TIME 2:00 XXX P.M.
4. FAMILY NAME (BOTANICAL) Leguminosae		5. DATE OF DETERMINATION 1-15-82		FEE RECEIVED \$ 500.00 \$ 250.00	DATE 7/16/82 2/21/85
6. NAME OF APPLICANT(S) <i>AGRATECH SEEDS INC.</i> Gold Kist Inc.		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) <i>P. O. Box 2210 244 PERIMETER CENTER</i> <i>Atlanta, GA 30301 ATLANTA, GA 30346</i>		8. TELEPHONE AREA CODE AND NUMBER 404/393-5410	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation		10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION Georgia		11. DATE OF INCORPORATION 1936	
12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: J. E. Harvey, Jr., Ph.D., Director/Agronomic Research, P. O. Box 644, Ashburn, GA 31714 <i>(912) 567-3092 R/S</i> <i>3297 KAC</i>					
13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED: <i>R/S</i> <input checked="" type="checkbox"/> 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.) <input checked="" type="checkbox"/> 13B. Exhibit B, Novelty Statement. <input checked="" type="checkbox"/> 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.) <input checked="" type="checkbox"/> 13D. Exhibit D, Additional Description of the Variety. <input checked="" type="checkbox"/> 13E. EXHIBIT E - STATEMENT OF THE BASIS OF APPLICANT'S OWNERSHIP					
14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a). (If "Yes," answer 14B and 14C below.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED		
15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)					
15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)					

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? ☒ YES ☐ NO

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

6-8-82
(DATE)

J. E. Harvey Jr.
(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- 5 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 13a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.
- 14a If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
- 15a See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.



\$500 FEE

EXHIBIT 13A:

'GK-67'
<GK-49> soybeans were developed by continuous selection from an intervarietal cross between Bragg and PI253.662. The initial cross was made in 1973, and composited in the F₆ generation.

EXHIBIT 13B:

'GK-67'
<GK-49> soybean most closely resembles the variety Hale-7 during the vegetative growth stage. As the two varieties approach maturity, differences are apparent in that Hale-7 has gray pubescence and buff hilum whereas, 'GK-67' <GK-49> has brown pubescence and light brown hilum. 'GK-67' Leaves on <GK-49> are slightly wider than those of Hale-7; 'GK-67' <GK-49> has a leaf width of 62mm and a length of 122mm while Hale-7 has a leaf width of 60mm and a length of 122mm.

EXHIBIT 13C:

'GK-67'
<GK-49> soybean is a determinate type plant with a Group VI maturity, averaging 3 days later than Davis and is best adapted to Georgia, North Carolina, South Carolina, North Florida, and Alabama. It is similar to Hale-7 in growth type and appearance, but plants are slightly more compact. 'GK-67' <GK-49> is resistant to shattering, bacterial pustule, frogeye leafspot, brown stem rot, pod and stem blight, stem canker, downy and powdery mildew, and root knot nematode. Seeds are oval and number 2 and 3 per

8200142

November 2, 1983

EXHIBIT A

ADDENDUM RJS

Mr. Robert J. Snyder
Examiner Plant Variety Protection Office
Grain and Seed Division
U.S. Department of Agriculture
National Agricultural Library Building
Beltsville, Maryland 20705

Dear Mr. Snyder,
In reference to your letter dated May 17, 1983.

Subject: Soybean Application No. 8200142, "GK-67".

Exhibit C Continuation

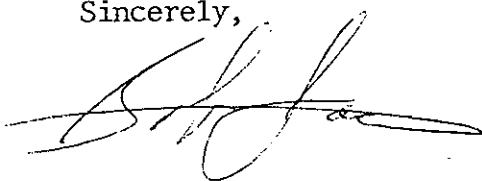
You have our permission to change exhibit C for seed shape from spherical to spherical flattened, and hilum color from buff to brown.

Exhibit A Continuation

The hilum color varies from very light brown to gray with brown intermediates grading between the two extremes. The variance of very light brown is approximately 50%, gray is approximately 20%, brown intermediates are approximately 30%. This variant is due to environmental and not genetic, because it can change from year to year and location to location.

Thanks for your co-operation and patience.

Sincerely,



Bob Jones
Soybean Breeder

8200142

AgraTech Seeds Inc. P.O. Box 644 • Ashburn, Georgia 31714

October 2, 1984

Dr. Robert Snyder
U.S. Department of Agriculture
Agricultural Marketing Service
Livestock, Poultry, Grain and Seed Div.
Plant Variety Protection Office
National Agricultural Library Building
Beltsville, Maryland 20705

Dear Dr. Snyder:

In reference to your letter dated April 6, 1984.
Soybean Application No. 8200142, 'GK-67'

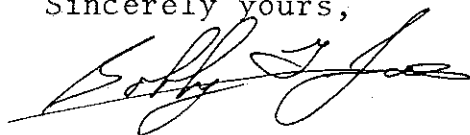
Exhibit - A Addendum

I progeny tested GK-67 breeder seed and observed the following:
When a seed with a buff hila was planted and allowed to mature, the progeny had varying hila color from buff to brown. When a seed with a brown hila was planted and allowed to mature, the progeny had varying hila color from buff to brown also.

I am enclosing a copy of a seed analysis certificate of GK-67. This analysis was conducted by Dr. Richard C. Payne, Supervisor of the Federal Seed Laboratory. A seed sample of GK-67 will be sent to you under separate cover.

Thanking you in advance.

Sincerely yours,



Dr. Bobby G. Jones
Mgr. Cereal Crops Research
enclosure
BGJ/mm



U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN AND SEED DIVISION
FEDERAL SEED LABORATORY, BELTSVILLE, MD 20705

CERTIFICATE NO.

8200142

70-000515-0

DATE ISSUED

July 5, 1984

DATE SAMPLE RECEIVED

May 31, 1984

SEED ANALYSIS CERTIFICATE - Sample INSPECTION 1/

Tested in accordance with Special Request rules.

NAME OF SEED (soybean)
Glycine max.

SENDER'S MARK

Breeder CK-67

PURE SEED

NOT REQUESTED

%

INERT MATTER

%

CROP SEEDS

%

WEED SEEDS

%

CROP SEEDS

WEED SEEDS

GERMINATION

NOT REQUESTED

%

ABNORMAL SPROUTS

HARD SEED

%

TEST PERIOD

DAYS

NOXIOUS-WEED SEEDS BASED ON EXAMINATION OF GRAMS

REMARKS

- 1/ The results herein apply only to the above-described sample submitted by
Agra Tech Seeds, Inc., Dublin, Georgia.

Variety Tests

Hilum color-gray to buff

Seed Coat Peroxidase-100% positive (50 seeds tested).

Hypocotyl Color-100% bronze (102 seedlings evaluated)

Leaf Pubescence Color-100% tawny (102 seedlings evaluated)

Leaf Pubescence Angle-100% erect (102 seedlings evaluated)

SIGNATURE

Richard C. Payne

TITLE

Richard C. Payne, Supervisor
Federal Seed Laboratory

This certificate is issued under the authority of the Agricultural Marketing Act of 1946, as amended (7 U.S.C. 1621 et seq.), and the regulations thereunder (7 CFR 75.1 et seq.), and is receivable in all courts of the United States as prima facie evidence of the truth of the statements therein contained. This certificate does not excuse failure to comply with any of the regulatory laws of the United States.

A UNITS/RATES

B SERVICE IDENTIFICATION

1. APPLICANT NO.

391990956

2. CERTIFICATE NO.

70-000515-0

3. AUTHORIZATION NO.

4. BILL REFERENCE

CK 67

5. DATE ISSUED

Mo. 07 Day 05 Yr. 84

C FIXED AMOUNTS

1. TOTAL DUE

\$26.40

D ACCOUNTING CLASSIFICATION

1. SUBCENTER

673000744

E MISCELLANEOUS

1. CERTIFICATE TO BE REPLACED

2. DIVISION

3. APPLICANT PHONE (Area Code and No.)

F APPLICANT NAME AND ADDRESS

1. NAME

Agra Tech Seeds, Inc.

2. 1ST LINE ADDRESS

P. O. Box 700

3. 2ND LINE ADDRESS

4. CITY

Dublin

5. STATE

GA

6. ZIP CODE

31021

<GK-49> 'GK-67' rfs
Application No. 8200142

EXHIBIT A (Continuation)

Over a period of 5 consecutive years (1978-1982),
observations were made and no ^{OTHER} variants ^{rfs} were observed.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Soybean)

OBJECTIVE DESCRIPTION OF VARIETY
SOYBEAN (*Glycine max* L.)

NAME OF APPLICANT(S) Dr. Bobby G. Jones	TEMPORARY DESIGNATION GK-49	VARIETY NAME GK-67
ADDRESS (Street and No., or R.F.D. No., City, State, and Zip Code) P. O. Box 644 Ashburn, GA 31714		FOR OFFICIAL USE ONLY PVPO NUMBER 8200142

Choose the appropriate response which characterizes the variety in the features described below. When the number of significant digits in your answer is fewer than the number of boxes provided, place a zero in the first box when number is 9 or less (e.g.,).

1. SEED SHAPE:



1 = Spherical (L/W, L/T, and T/W ratios = ≤ 1.2)
3 = Elongate (L/T ratio > 1.2 ; T/W = ≤ 1.2)

2 = Spherical Flattened (L/W ratio > 1.2 ; L/T ratio = ≤ 1.2)
4 = Elongate Flattened (L/T ratio > 1.2 ; T/W > 1.2)

2. SEED COAT COLOR: (Mature Seed)

1 = Yellow

2 = Green

3 = Brown

4 = Black

5 = Other (Specify) _____

3. SEED COAT LUSTER: (Mature Hand Shelled Seed)

1 = Dull ('Corsoy 79'; 'Braxton')

2 = Shiny ('Nebsoy'; 'Gasoy 17')

4. SEED SIZE: (Mature Seed)

Grams per 100 seeds

5. HILUM COLOR: (Mature Seed)

1 = Buff

2 = Yellow

3 = Brown

4 = Gray

5 = Imperfect Black

6 = Black

7 = Other (Specify) _____

6. COTYLEDON COLOR: (Mature Seed)

1 = Yellow

2 = Green

7. SEED PROTEIN PEROXIDASE ACTIVITY:

1 = Low

2 = High

8. SEED PROTEIN ELECTROPHORETIC BAND:

1 = Type A (SP^{1a})2 = Type B (SP^{1b})

9. HYPOCOTYL COLOR:

1 = Green only ('Evans'; 'Davis')

2 = Green with bronze band below cotyledons ('Woodworth'; 'Tracy')

3 = Light Purple below cotyledons ('Beeson'; 'Pickett 71')

4 = Dark Purple extending to unifoliate leaves ('Hodgson'; 'Coker Hampton 266A')

10. LEAFLET SHAPE:

1 = Lanceolate

2 = Oval

3 = Ovate

4 = Other (Specify) _____

11. LEAFLET SIZE:

☐ 2

1 = Small ('Amsoy 71'; 'A5312')
3 = Large ('Crawford'; 'Tracy')

2 = Medium ('Corsoy 79'; 'Gasoy 17')

12. LEAF COLOR:

☐ 2

1 = Light Green ('Weber'; 'York')
3 = Dark Green ('Gnome'; 'Tracy')

2 = Medium Green ('Corsoy 79'; 'Braxton')

13. FLOWER COLOR:

☐ 1

1 = White

2 = Purple

3 = White with purple throat

14. POD COLOR:

☐ 1

1 = Tan

2 = Brown

3 = Black

15. PLANT PUBESCENCE COLOR:

☐ 2

1 = Gray

2 = Brown (Tawny)

16. PLANT TYPES:

☐ 2

1 = Slender ('Essex'; 'Amsoy 71')
3 = Bushy ('Gnome'; 'Govan')

2 = Intermediate ('Amcor'; 'Braxton')

17. PLANT HABIT:

☐ 1

1 = Determinate ('Gnome'; 'Braxton')
3 = Indeterminate ('Nebsoy'; 'Improved Pelican')

2 = Semi-Determinate ('Will')

18. MATURITY GROUP:

☐ 0 ☐ 9

1 = 000
9 = VI

2 = 00
10 = VII

3 = 0
11 = VIII

4 = I
12 = IX

5 = II
13 = X

6 = III

7 = IV

8 = V

19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)

BACTERIAL DISEASES:

☐ 2

Bacterial Pustule (*Xanthomonas phaseoli* var. *sojensis*)

☐ 0

Bacterial Blight (*Pseudomonas glycinea*)

☐ 0

Wildfire (*Pseudomonas tabaci*)

FUNGAL DISEASES:

☐ 2

Brown Spot (*Septoria glycines*)

Frogeye Leaf Spot (*Cercospora sojina*)

☐

Race 1

☐

Race 2

☐

Race 3

☐

Race 4

☐

Race 5

☐

Other (Specify)

☐ 0

Target Spot (*Corynespora cassicola*)

☐ 2

Downy Mildew (*Peronospora trifoliorum* var. *manshurica*)

☐ 2

Powdery Mildew (*Microsphaera diffusa*)

☐ 2

Brown Stem Rot (*Cephalosporium gregatum*)

☐ 0

Stem Canker (*Diaporthe phaseolorum* var. *caulivora*)

19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) (Continued)

FUNGAL DISEASES: (Continued)

<input type="text" value="2"/>	Pod and Stem Blight (<i>Diaporthe phaseolorum</i> var. <i>sojae</i>)
<input type="text" value="0"/>	Purple Seed Stain (<i>Cercospora kikuchii</i>)
<input type="text" value="0"/>	Rhizoctonia Root Rot (<i>Rhizoctonia solani</i>)
Phytophthora Rot (<i>Phytophthora megasperma</i> var. <i>sojae</i>)	
<input type="text" value="0"/> Race 1	<input type="text" value="0"/> Race 2
<input type="text" value="0"/> Race 3	<input type="text" value="0"/> Race 4
<input type="text" value="0"/> Race 5	<input type="text" value="0"/> Race 6
<input type="text" value="0"/> Race 7	<input type="text" value="0"/> Race 8
<input type="text" value="0"/> Race 9	<input type="text" value="0"/> Other (Specify) _____

VIRAL DISEASES:

<input type="text" value="0"/>	Bud Blight (Tobacco Ringspot Virus)
<input type="text" value="2"/>	Yellow Mosaic (Bean Yellow Mosaic Virus)
<input type="text" value="2"/>	Cowpea Mosaic (Cowpea Chlorotic Virus)
<input type="text" value="0"/>	Pod Mottle (Bean Pod Mottle Virus)
<input type="text" value="0"/>	Seed Mottle (Soybean Mosaic Virus)

NEMATODE DISEASES:

Soybean Cyst Nematode (<i>Heterodera glycines</i>)	
<input type="text" value="1"/> Race 1	<input type="text" value="1"/> Race 2
<input type="text" value="1"/> Race 3	<input type="text" value="1"/> Race 4
<input type="text" value="1"/> Other (Specify) _____	
<input type="text" value="0"/>	Lance Nematode (<i>Hoplolaimus Colombus</i>)
<input type="text" value="2"/>	Southern Root Knot Nematode (<i>Meloidogyne incognita</i>)
<input type="text" value="0"/>	Northern Root Knot Nematode (<i>Meloidogyne Hapla</i>)
<input type="text" value="2"/>	Peanut Root Knot Nematode (<i>Meloidogyne arenaria</i>)
<input type="text" value="0"/>	Reniform Nematode (<i>Rotylenchulus reniformis</i>)
<input type="text" value=""/>	OTHER DISEASE NOT ON FORM (Specify): _____

20. PHYSIOLOGICAL RESPONSES: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)

<input type="text" value="0"/>	Iron Chlorosis on Calcareous Soil
<input type="text" value=""/>	Other (Specify) _____

21. INSECT REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)

<input type="text" value="0"/>	Mexican Bean Beetle (<i>Epilachna varivestis</i>)
<input type="text" value=""/>	Potato Leaf Hopper (<i>Empoasca fabae</i>)
<input type="text" value=""/>	Other (Specify) _____

22. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED.

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant Shape		Seed Coat Luster	
Leaf Shape		Seed Size	
Leaf Color		Seed Shape	
Leaf Size		Seedling Pigmentation	

8200142

EXHIBIT C (Continuation)

Seed are dull in color and weigh 15.7g/100 seed.

Hilum Color: With the aid of the State of Georgia Seed Analyst, Dr. Wayne R. Guerke, it was determined that this cultivar has a range of hilum color from very light brown to gray with brown intermediates grading between the two extremes. Also, all hila have a distinct white hilar groove.

pod. It has a lodging^{1/} score of 2.5 with a plant height averaging 38 inches tall.

1/ 1=No lodging;5=All plants down badly.

EXHIBIT 13D:

'GK-67'

~~GK-49~~ soybean was developed to be planted as an early planted variety and late planted in a double cropping situation. It has performed well under both conditions in the southeastern United States.

Location	GK-49	Variety	
		Bragg	Wright
	----- Yield (Bu./Acre)-----		
Ashburn, Ga.	69	59	63
Calhoun, Ga.	52	55	47
Browns, Ala.	45	39	35
Prentiss, Miss.	50	45	45
Belton, S.C.	32	27	23

Protein and oil contents of GK-49 compares favorably with that of Bragg. **'GK-67'** ~~GK-49~~ has a protein content of 39.1, while Bragg has a protein content of 41.6. GK-49 has an oil content of 18.4 and Bragg has 18.2 when expressed as a per cent.

Gold Kist inc.244 Perimeter Center Parkway, N.E./P.O. Box 2210 Atlanta, Ga. 30301
Phone (404) 393-5022G.O. Coan—Executive Vice President
Agri-Marketing and Services Group

April 16, 1985

EXHIBIT E

RJS

Mr. Robert Snyder
Plant Variety Protection Office, U.S.D.A.
National Agriculture Library
Room 500
Beltsville, Maryland 20705

SUBJECT: CERTIFICATE OF PROTECTION FOR GK-67 CERTIFIED SOYBEAN SEED

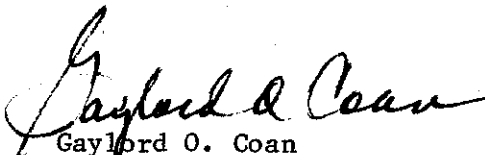
Dear Mr. Snyder:

Gold Kist Inc. initially prepared and filed an application for a Certificate of Protection for the above-referenced variety of Gold Kist soybean seed. Since the initial application and during the pendency of your office's review of that application, Gold Kist Inc. has formed a wholly owned subsidiary, AgraTech Seeds Inc., with which to operate its seed development and marketing activities.

Incident to the establishment of AgraTech Seeds Inc., Gold Kist has assigned to AgraTech its proprietary interest in the GK-67 soybean seed, including its rights under application for the Certificate of Protection. This correspondence is to notify you of that assignment and to request that the Certificate of Protection issued for GK-67 designate the registered and protected party as AgraTech Seeds, Inc., 244 Perimeter Center Parkway N.E., Atlanta, Georgia 30346.

If you have any questions concerning the foregoing or require further information from Gold Kist concerning this matter, please feel free to contact me or Mr. Tom O. Luehder, President of AgraTech Seeds. Thank you for your cooperation.

Sincerely,


Gaylord O. Coan

GOC:bp

cc: Mr. Tom O. Luehder